Financial Analysis System² (FAS²)



Customer Resource Center

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FAS² Reporting

1 - Purpose

The purpose of this course is to provide hands-on experience in the Financial Analysis System² (FAS²), and to demonstrate the functionality and reports this tool offers to financial managers.

Learning Objectives

By the completion of this course, you will be able to:

- Log on to FAS²
- View the various data available
- Understand the functionality of FAS² Screens
- Export data to Microsoft Excel 2000 (XLS) or higher and Acrobat Adobe (PDF)



2 - Getting Started

FAS² is a client/server Internet application that requires no setup. Users can access FAS² from within the Intranet using an Internet Browser and analyze financial data with minimal effort and expertise.

Within FAS² Users can:

- View data on different levels.
- View data for multiple fiscal years (i.e. 2007, 2008),
- View multiple screens/reports,
- Drilldown from within a report,
- Export reports into XLS and PDF file formats, and
- Analyze data from various financial areas.

Installation

FAS² requires no installation. Once proper security has been established, users can log into the application from an Internet Browser.

Security

- To obtain access to FAS² contact your Agency Security Lead. A list of Agency Security Leads is available on the eMARS Web site @ http://finance.ky.gov/internal/eMARS/ under the Agency Contacts link.
- Users have the ability to be setup with access to a single department; multiple departments or all departments within a Cabinet.
- If a user needs their password reset then they need to contact the Finance CRC by email at Finance.CRCGroup@ky.gov.

System Requirements

- Web browser IE version 6 or higher or Netscape
- Adobe Acrobat Reader version 6 or version 7
- Microsoft Office (2000 or higher) Used to display EXCEL or WORD documents.
- 512 MB of RAM

FAS² Data

Users should note that the data viewed within the application is as of the prior business day unless otherwise noted on the opening screen.

Accessing FAS²

- 1. Open an Internet browser (i.e. Internet Explorer).
- 2. In the *Address* field type: https://fas2.ky.gov

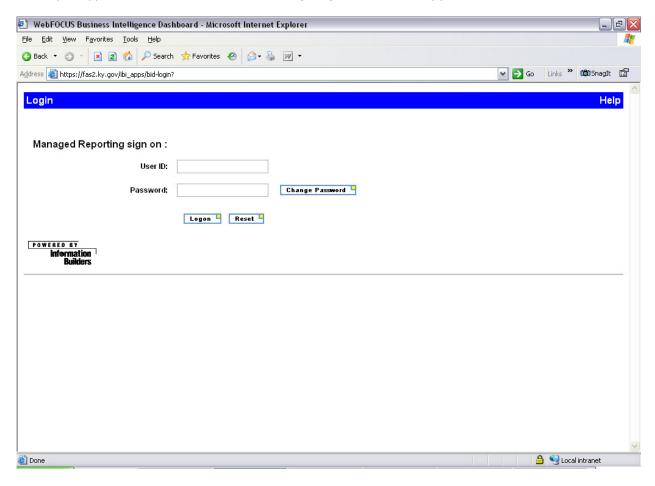
Note: For easy access you may want to save the FAS² URL in your *Favorites* list or create a shortcut on your *Desktop*.



3 - FAS² Screens

Log On Screen

Once you type in the FAS² URL the following Login screen will appear.



- 1. Enter your *User ID* in the *User ID* field. (Your *User ID* is not case sensitive).
- 2. Enter your **Password** in the **Password** field. (Your **Password** is case sensitive). Click the **Logon** button.

Note: Proper security must be established through your agency's Security Administrator before FAS² can be accessed. To obtain security to FAS² contact your *Agency Security Lead*. A list of *Agency Security Leads* is available on the eMARS Web site @ http://finance.ky.gov/internal/eMARS/ under the *Agency Contacts* link.

Reset will clear out the *User ID* and *Password* fields.



Change Password allows you to change your FAS² password as desired. You should use the following criteria when changing your password:

- 7 16 characters
- One lower-case letter
- \bullet One of the following special characters $\,$. @ # \$ % (period, at sign, pound sign, dollar sign, percent sign, dash)

It is important that users change their initial password established by their FAS² Administrator. It is also a good business practice to change your password every 30 days.

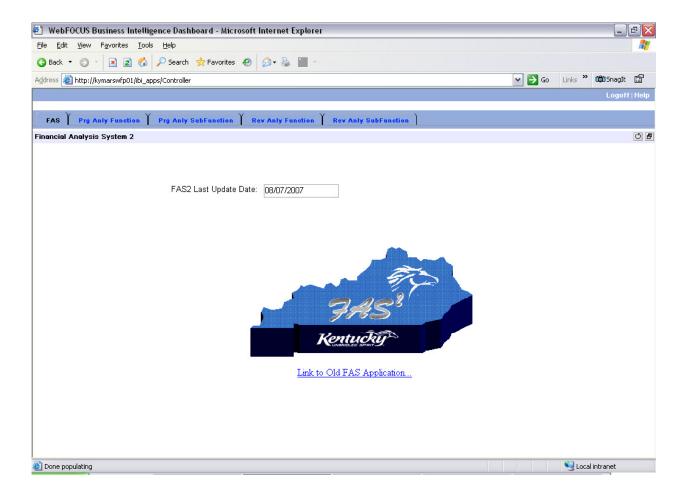


Default Screen

The following is the default screen users will see when they log into FAS². This screen also advises users how current the data is for FAS² by using the *Last Update Date*.

As previously indicated the FAS² data is current as of the prior business day. However, there may be instances when the nightly cycle processes may not complete due to errors or delays. The *Last Update Date* will help you in determining the date the data was last updated.

Note: The eMARS News and Alerts Web site @ http://mars.ky.gov/alerts/marsnewsalerts.htm is used to post system messages. Users should frequent this site throughout the day for important alerts.





The following reports are accessible for viewing by clicking on the various tabs:

Financial Areas Available for Analysis

- **Program Analysis Function** Provides expenditure information at the *Function* level with roll-up to the *Appropriation*, *Allotment*, and *Dept-Fd* levels and drilldown capabilities to the document level built in. Also provides expenditure information for off-budget funds.
- **Program Analysis Sub Function** Provides expenditure information at the *Sub-Function* level with roll-up to the *Function, Appropriation, Allotment*, and *Dept-Fd* levels and drilldown capabilities to the document level built in.
- **Revenue Analysis Function** Provides revenue information at the *Function* level with roll-up to the *Appropriation, Allotment*, and *Dept-Fd* drilldown capabilities to the document level built in. Also provides revenue information for off-budget funds.
- **Revenue Analysis Sub Function** Provides revenue information at then Sub Function level with roll-up to the Function, Appropriation, Allotment, and Dept-Fd drilldown capabilities to the document level built in.

Note: These reports are grouped by *Object Type* and are subtotaled by *Object Type Name*:

Future Reports for Analysis

- *Appropriation/Allotment Analysis* Provides operating budget Appropriation/Allotment information.
- *Capital* Provides Capital budget Appropriation, Allotment and Revenue budget information.



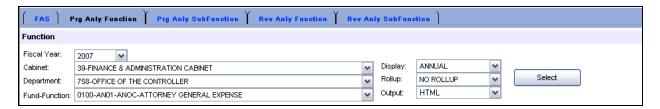
Program Analysis Function (Prg Anly Function)

Program Analysis at the Function level is the second tab This report allows users to view summarized amounts for Management Budget, On Budget Expenditures, Encumbrances, Unobligated Management Budget, Unexpended Management Budget, and Off Budget Expenditures at the Function level.

Note: A user's security will dictate the *Cabinets*, *Departments*, and *Fund-Functions* they are able to see. The dropdown will populate with the first value a user has access to view.

To view the *Prg Anly Function* report:

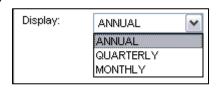
1. Click on Prg Anly Function tab.

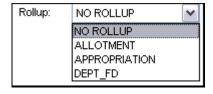


- 2. Select a Fiscal Year (Represents Budget Fiscal Year) from the dropdown list.
- 3. Select a *Cabinet* from the dropdown list.
- 4. Select a **Department** from the dropdown list.
- 5. Select a *Fund-Function* from the dropdown list.

Report Display and Roll-up

Reports may be viewed either *Annually, Quarterly* or *Monthly* by utilizing the *Display* dropdown.





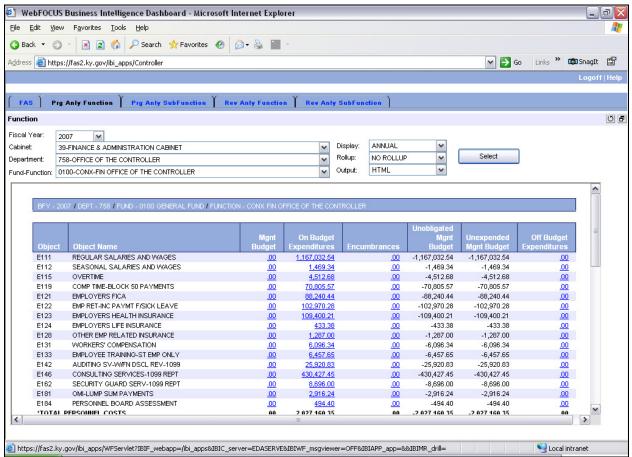
Users also have the ability to *Roll-Up* and *Down* between *No Rollup*, *Allotment*, *Appropriation* or *Dept-Fd*.

6. Click the Select button.

Note: Allotment Rollup drops Fund and Function and rolls up to Fund Type and Function Type. Appropriation Rollup drops Fund and Function and rolls up to CAFR Fund Type and Function Group. Dept-Fund Rollup drops function and rolls up to Department and Fund.



Once the dropdowns are selected and you click the *Select* button the *Program Analysis Function* report will be displayed.



In the FAS² application users will drilldown on the columns, unlike the prior version of FAS where drilldown occurred on the entire row. Once a user drills down on a particular amount the *Drilldown Details* are displayed. To get back to the pre-drilldown report select the back button or simply click the *Select* button again.

Function Report Columns:

- Management Budget displays the Management budget amount for the corresponding Object Code. The drilldown for this column will allow users to see the OB1 documents that make up the budget.
- On Budget Expenditures displays the On Budget expenditures for the corresponding Object Codes. The drilldown for this column will show documents that make up the expenditures. In most cases, AD & EFT documents will not be displayed unless there is a change in funding from the accrued expense to the cash expense.
- **Encumbrances** displays any encumbrances. The drilldown for this column will show documents that make up the encumbrance amount.
- **Unobligated Management Budget** is a calculated column that subtracts the *On Budget Expenditures* and *Encumbrances* from the *Management Budget* amount.
- **Unexpended Management Budget** is a calculated column that subtracts *On Budget Expenditures* from the *Management Budget* amount.



Program Analysis Sub Function (Prg Anly SubFunction)

Program Analysis at the Sub Function level is the third tab. This report allows users to view summarized amounts for Management Budget, On Budget Expenditures, Encumbrances, Unobligated Management Budget, Unexpended Management Budget, and Off Budget Expenditures at the Sub Function level.

Note: A user's security will dictate the *Cabinets*, *Departments*, and *Functions* they are able to see. The dropdown will populate with the first value a user has access to view. Only *Cabinets* and *Departments* that utilize *Sub Function* will be populated in the dropdowns.

To view the Program Analysis Sub Function report:

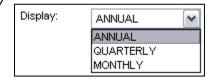
1. Click on *Prg Anly SubFunction* tab.

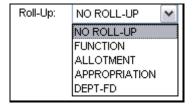


- 2. Select a Fiscal Year (Represents Budget Fiscal Year) from the dropdown list.
- 3. Select a *Cabinet* from the dropdown list.
- 4. Select a **Department** from the dropdown list.
- 5. Select a *Function* from the dropdown list.
- 6. Select a *Fund-Sub Function* from the dropdown list.

Program Analysis Sub Function Report Display and Roll-up

The data may be viewed either *Annually*, *Quarterly* or *Monthly* by utilizing the *Display* dropdown.



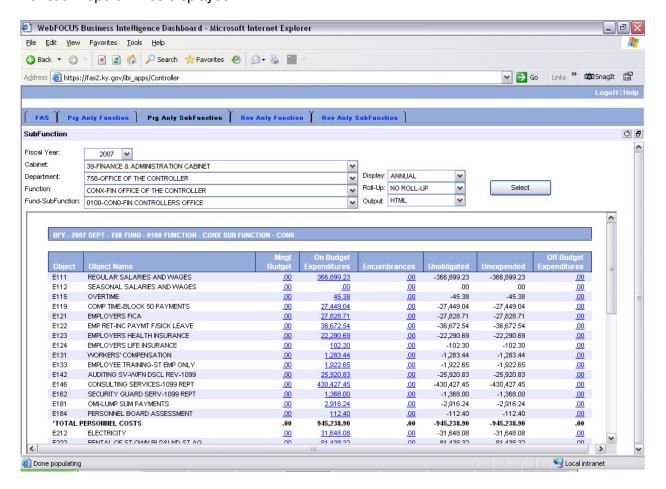


Users also have the ability to *Roll-Up* and *Down* between *No Rollup*, *Function*, *Allotment*, *Appropriation* or Dept-Fd.

7. Click the Select button.



Once the dropdowns are selected and you click the *Select* button the *Program Analysis Sub Function* report will be displayed.



Sub Function Report Columns:

- Management Budget displays the Management budget amount for the corresponding Object Code. The drilldown for this column will allow users to see the OB1 documents that make up the budget.
- On Budget Expenditures displays the On Budget expenditures for the corresponding Object Codes. The drilldown for this column will show documents that make up the expenditures. In most cases, AD & EFT documents will not be displayed unless there is a change in funding from the accrued expense to the cash expense.
- **Encumbrances** displays any encumbrances. The drilldown for this column will show documents that make up the encumbrance amount.
- **Unobligated Management Budget** is a calculated column that subtracts the *On Budget Expenditures* and *Encumbrances* from the *Management Budget* amount.
- **Unexpended Management Budget** is a calculated column that subtracts *On Budget Expenditures* from the *Management Budget* amount.



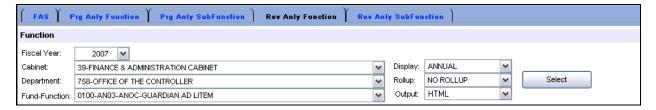
Revenue Analysis Function (Rev Anly Function)

Revenue Analysis at the Function level is the fourth tab. This report allows users to view summarized amounts for, Revenues, Transfers, Other Funding and Total Revenue at the Function level.

Note: A user's security will dictate the *Cabinets*, *Departments*, and *Fund-Functions* they are able to see. The dropdown will populate with the first value a user has access to view.

To view the Revenue Analysis Function report:

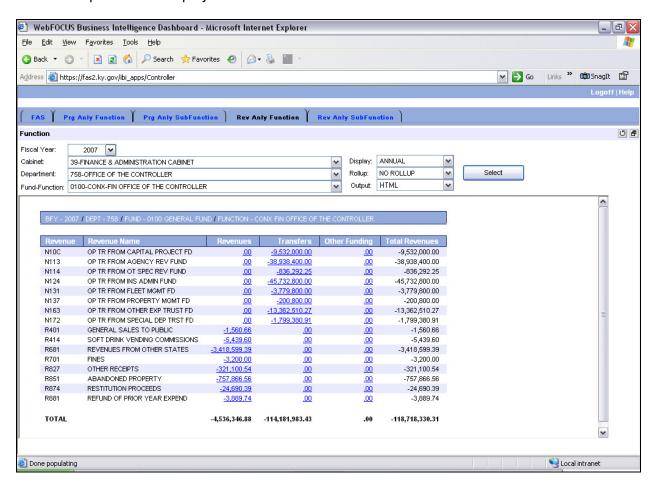
1. Click on Rev Anly Function tab.



- 2. Select a Fiscal Year (Represents Budget Fiscal Year) from the dropdown list.
- 3. Select a *Cabinet* from the dropdown list.
- 4. Select a **Department** from the dropdown list.
- 5. Select a *Fund-Function* from the dropdown list.
- 6. Select an appropriate *Display* and *Roll-up* from the dropdown list.
- 7. Click the Select button.



Once the dropdowns are selected and you click the *Select* button the *Revenue Analysis Function* report will be displayed.



Revenue Report Columns:

- **Revenues** displays the total revenue received for the corresponding *Revenue Code*. The drilldown for this column will allow users to see the documents that makeup this amount.
- *Transfers* displays the total of revenues that are transferred in. The drilldown for this column will allow users to see the document that make up the *Transfers* amount.
- *Other Funding* displays the total for other revenue sources. The drilldown for this column will allow users to see the documents that makeup the *Other Funding* amount.
- Total Revenue displays the sum of the Revenue, Transfers, and Other Funding columns.

Note: Revenues, Transfers, and Other Funding have been rolled into the Total column on the Monthly and Quarterly Displays.



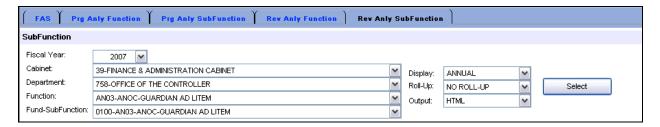
Revenue Analysis Sub Function (Rev Anly SubFunction)

Revenue Analysis at the Sub Function level is the fifth tab. This report allows users to view summarized amounts for Revenue, Transfers, Other Funding, and Total Revenue at the Sub Function level.

Note: A user's security will dictate the *Cabinets, Departments*, and *Functions* they have access to see. The dropdown will populate with the first value a user has access to view. Only *Cabinets* and *Departments* that utilize *Sub Function* will be populated in the dropdowns.

To view the Revenue Analysis Sub Function report:

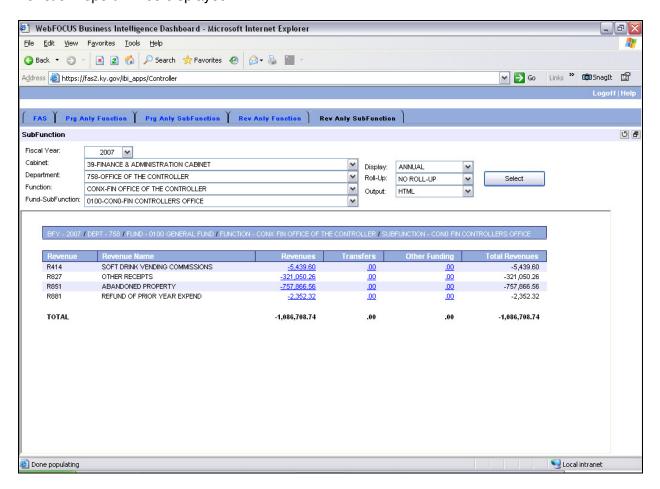
1. Click on Rev Anly SubFunction tab.



- 2. Select a *Fiscal Year* (Represents Budget Fiscal Year) from the dropdown list.
- 3. Select a *Cabinet* from the dropdown list.
- 4. Select a **Department** from the dropdown list.
- 5. Select a *Function* from the dropdown list.
- 6. Select a *Fund-Sub Function* from the dropdown list.
- 7. Select an appropriate *Display* and *Roll-up* from the dropdown list.
- 8. Click the **Select** button.



Once the dropdowns are selected and you click the *Select* button the *Revenue Analysis Sub Function* report will be displayed.



Revenue Report Columns:

- Revenues displays the total revenue received for the corresponding Revenue Code.
 The drilldown for this column will allow users to see the documents that makeup this amount.
- *Transfers* displays the total of revenues that are transferred in. The drilldown for this column will allow users to see the document that make up the *Transfers* amount.
- *Other Funding* displays the total for other revenue sources. The drilldown for this column will allow users to see the documents that makeup the *Other Funding* amount.
- Total Revenue displays the sum of the Revenue, Transfers, and Other Funding columns.

Note: A user's security will dictate the *Cabinets*, *Departments*, and *Functions* they are able to see. The dropdown will populate with the first value a user has access to view. Only *Cabinets* and *Departments* that utilize *Sub Function* will be populated in the dropdowns.



Appropriation and Allotment Analysis (AP and AL)

Appropriation and Allotment Analysis is the fifth tab. This report allows users to view summarized amounts for Appropriation Amount, Allotment Amount, Object Type Amount, On Budget Expenditure, Encumbrance, Unobligated, Unexpended, and the percentage of Unexpended.

Note: A user's security will dictate the *Cabinets, Departments*, and *Functions* they have access to see. The dropdown will populate with the first value a user has access to view.

To view the *Appropriation and Allotment* report:

1. Click on AP and AL tab.

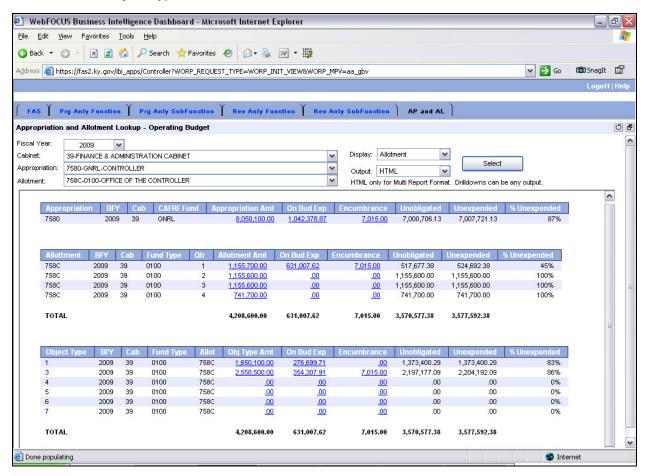


Note: The *HTML Output* will be the only output option available for the multiple report screen (opening screen) of the *AP and AL* tab. However, all drilldown reports will be able to utilize *HTML*, *Excel 2000*, and *PDF* output.

- 2. Select a *Fiscal Year* (Represents Budget Fiscal Year) from the dropdown list.
- 3. Select a *Cabinet* from the dropdown list.
- 4. Select an *Appropriation* (Function Group) from the dropdown list.
- 5. Select an *Allotment* (Function Type) from the dropdown list.
- 6. Select an appropriate *Display*.
- 7. Click the Select button.



Once the dropdowns are selected and you click the *Select* button the *Appropriation and Allotment* reports will be displayed. This opening screen contains three separate reports: *Appropriation*, *Allotment*, and *Object Type*.



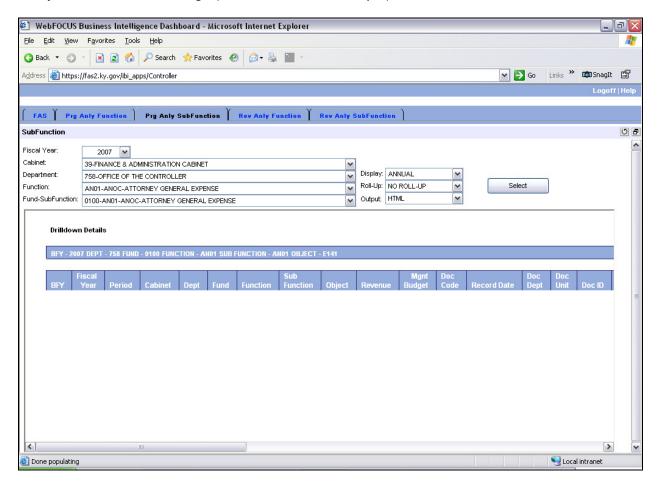
Appropriation and Allotment Columns:

- Appropriation Amount displays the total Appropriation (Function Group) amount for the
 corresponding Appropriation and CAFR Fund Type selected in the Appropriation dropdown.
 The drilldown for this column will allow users to see the documents that makeup this amount.
- **Allotment Amount** displays the total Allotment (Function Type) amount for the corresponding Allotment and Fund Type selected in the Allotment dropdown. The drilldown for this column will allow users to see the documents that makeup this amount.
- Object Type Amount displays the total Allotted amount for each Object Type. These are limited to Fund Type 0100 only. The drilldown for this column will allow users to see the documents that makeup this amount.
- On Budget Expenditures displays the On Budget Expenditures for the corresponding Object Codes. The drilldown for this column will give a list of Object Codes and the drilldown on the Object Codes will give documents that makeup the expenditures. In most cases, AD & EFT documents will not be displayed unless there is a change in funding from the accrued expense to the cash expense.
- Encumbrances displays any encumbrances. The drilldown for this column will show
 Object Codes and the drilldown on the Object Codes gives the documents that makeup the
 encumbrance amount.



No Data Report

If there is no data in a report that you have drilled down to then a blank report will be displayed with just the column headings (see below for an example).



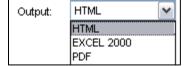


Report Output (Exporting)

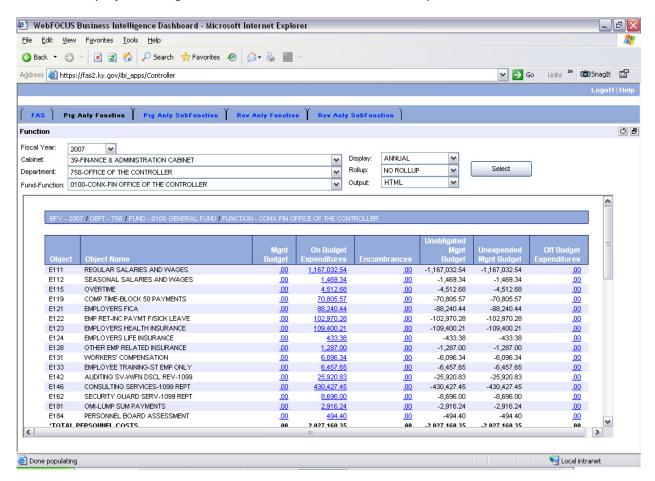
FAS² provides export functionality at the report or the detail drilldown level. The available file formats for exporting data include *HTML* (which is the default), *Excel 2000* and *PDF*.

Note: If you want to export your drilldown report you must first select the *Output* before you click the drilldown hyperlink. If you have already drilled down you must select the *Output* desired and then click the *Select* button and drilldown again.

These export options are selected from the *Output* dropdown list. Each output allows users to drilldown using *HTML*, *Excel 2000*, or *PDF file formats*.



HTML – Displays in a regular Web browser such as *Internet Explorer*.

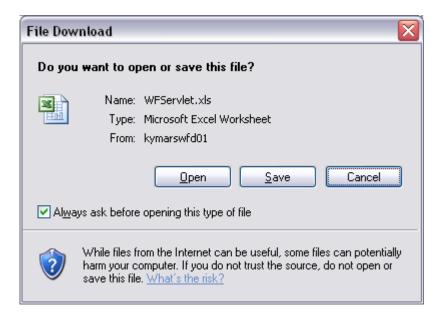




Excel – Displays the report or data using a *Microsoft Excel* (XLS) spreadsheet. The user has the option of either viewing the XLS file within the Web browser window or saving the file to their computer.

Note: Users will need *Microsoft Excel 2000* (at least) or higher installed on their computer in order to use the *Output - Excel 2000* option.

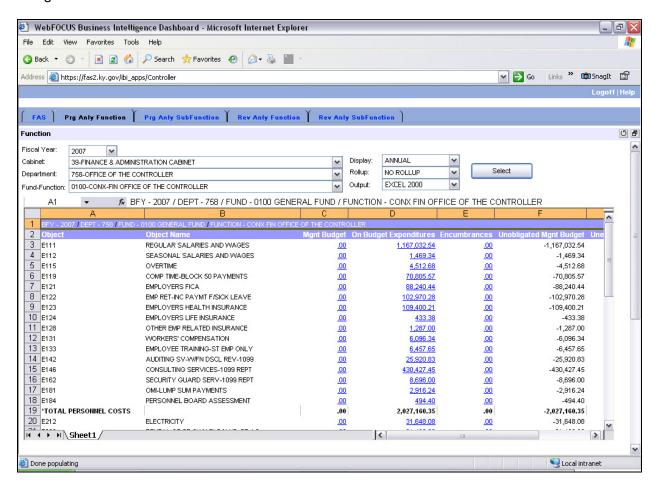
If you select *Excel 2000* as the output option you will be prompted to select *Open* or *Save* from a pop-up box similar to the one shown below.



Note: Make sure that you do not uncheck the "Always ask before opening this type of file." If you do you will not get this popup box for the Excel Output.

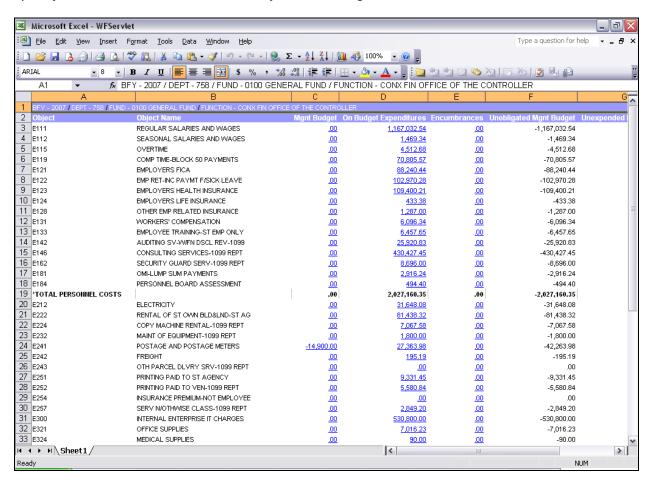


If you select *Open* then the report will open within the Web browser window displaying the data using the *Microsoft Excel* file format.





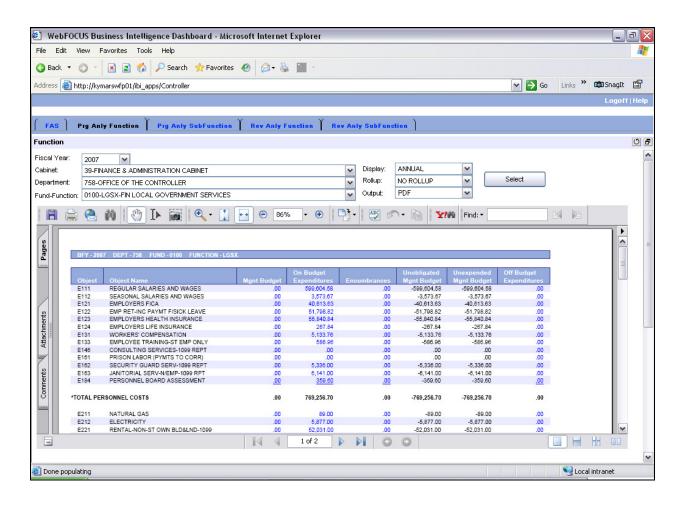
If you select *Save* you will be prompted with an additional dialog box asking you to specify the file location (on your computer or network) where you desire the file to be saved. You may also specify the name of the *Excel 2000* file you are saving.





PDF – Displays the report in *Adobe Acrobat Reader* within the Web browser. *PDF* would be beneficial if you need to print a hard copy of a report.

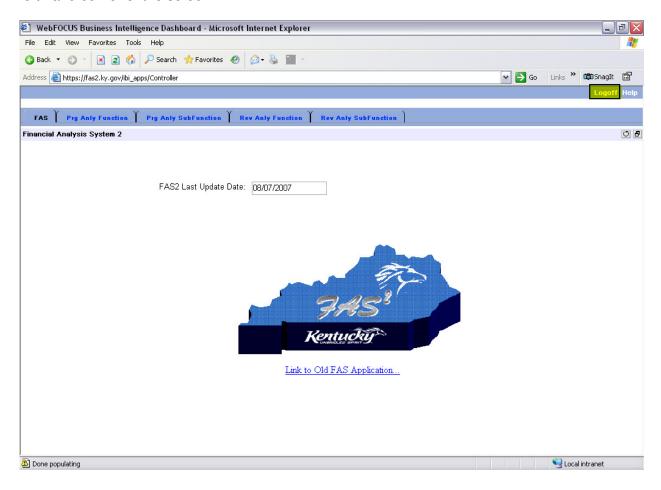
Note: Users will need *Adobe Acrobat Reader (PDF)* installed on their computer in order to use this *Export* option.





Logging Off

To \log off of the FAS² application all that you have to do is click the Logoff button in the upper left hand corner of the screen.



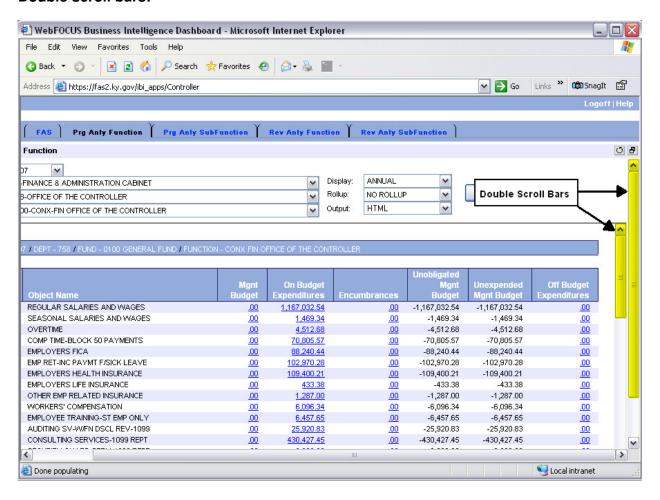


4 - Tips

Scroll Bars

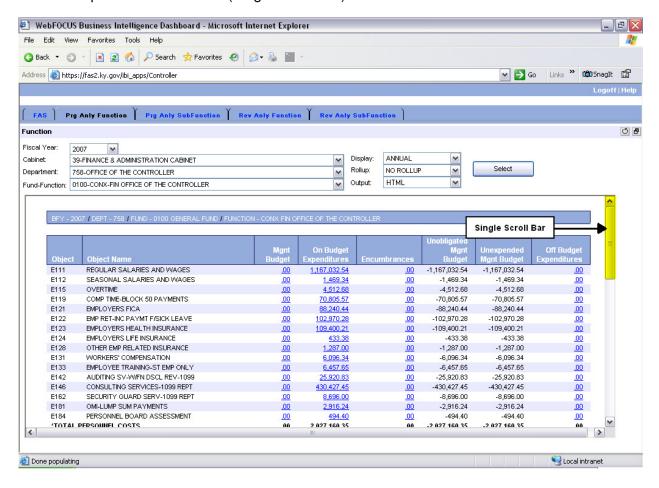
When using the FAS² application you should always maximize the Internet window to avoid double scroll bars as shown below. This will make the navigation for reports much easier.

Double scroll bars:





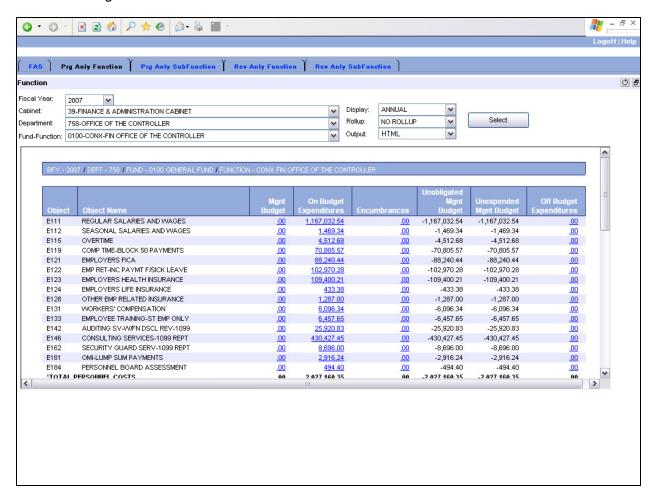
Window expanded to Maximum (Single Scroll Bar):





Full Screen

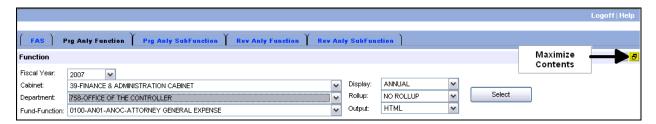
If you are using Internet Explorer you can press the F11 key for a full screen view. This will give you more room on the screen to view the reports. If you press the F11 key again it will take you back to the regular view.



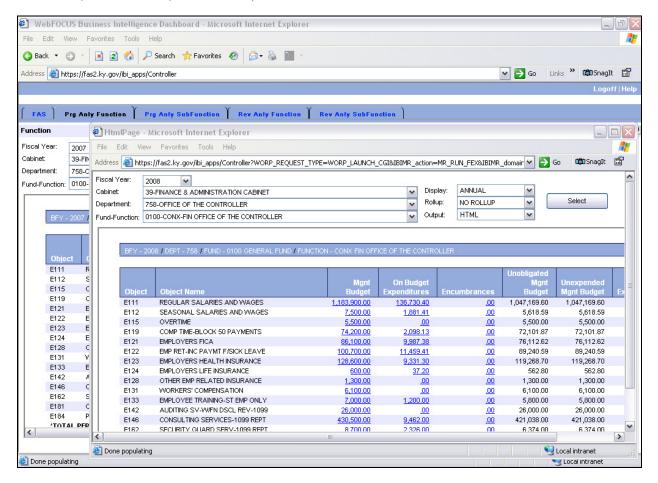


Dual Screens

Within the FAS² application users may have Dual Screens by clicking on the *Maximize Contents* button.



Once you click the button a separate window will be generated allowing you to do a *Fiscal Year* to *Fiscal Year* or *Department* to *Department* comparison if desired.



The new window will display the dropdowns of the current tab you were on when you selected the *Maximize Contents* button. Within the new window you will not be able to change tabs and run other reports.

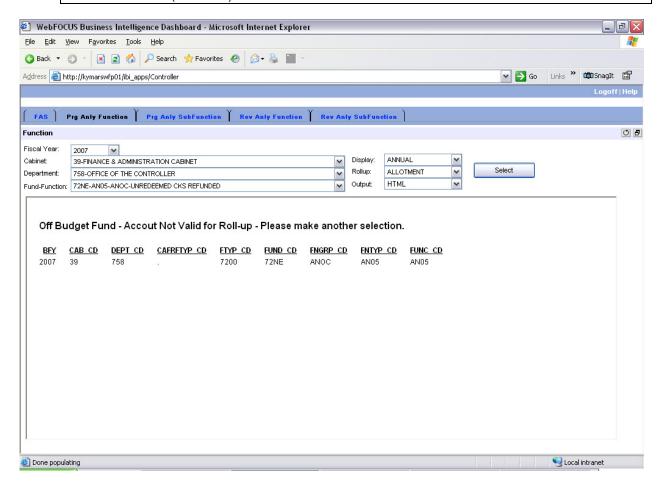
You may only click the *Maximize Contents* button one time. If you select it again it will replace the window that you have open with a screen.



Off-Budget Rollup

If you try to rollup on an *Off-Budget* fund you will not be able to because there is no rollup for an *Off-Budget* fund. The report below will be displayed if an *Off-Budget* rollup is attempted and you will have to make another selection.

Note: All *Off-Budget* Funds will display in the *Prg Anly Function* (Expenditure) or the Rev Anly Function (Revenue) tabs.





5. - Review



In this course we have:

- Reviewed data from within the Financial Areas of FAS²
- Reviewed Appropriation/Allotment data from within FAS²
- Reviewed FAS² output
- Reviewed Tips for viewing FAS² Reports

Questions?



Are there any questions concerning the information covered in this course?